



Annual Nursing Education Program Report

Fiscal Year 2011

Presented April 2012
To the Minnesota Board of Nursing

MINNESOTA BOARD OF NURSING
Education Annual Report: Fiscal Year 2011
Presented to the Board - April 2012

General Work: Develop and implement the Minnesota Board of Nursing's program for approving nursing education programs that prepare students for nurse licensure.

PROGRAM APPROVAL

Approved Nursing Programs

As of April 1, 2012, there are 69 Board approved nursing programs in Minnesota (Appendix A):

<u>Program Type</u>	<u>Total</u>
Practical Nursing Programs	25
Professional	
Associate Degree Nursing Programs	24
Baccalaureate Nursing Programs	18
Entry level Masters Nursing Programs	2

A total of 23 professional programs and 3 practical programs were granted new program approval by the Board between 2001 and 2011. See Appendix B for the list of new programs approved from 2001 to 2011.

Twelve of the 24 associate degree professional programs are mobility programs. Mobility programs only admit students who qualify for advanced standing.

New program approval

During the reporting period, one new program was approved by the Board:

- Pine Technical College Associate Degree Nursing Mobility Program, Pine City, MN

Continuing approval

During the reporting period, the Board granted continued approval to one nursing program:

- Hennepin Technical College Practical Nursing Program, Eden Prairie and Brooklyn Park, Minnesota

Minnesota West Community and Technical College Pipestone Practical Nursing Program merged with Minnesota West Community and Technical College Worthington Practical Nursing Program in January 2012. The practical nursing program at Minnesota West Community and Technical College is now one practical nursing program on two campuses.

Letters of Intent

As of December 31, 2011, one letter of intent was received, but was rescinded by the school.

Below Minimum Standard

On February 2, 2012, the Board took action to require the following programs submit plans of corrective action because first-time candidate success rates on the National Council Licensure Examination (NCLEX®) were below minimum standard (75% or below) during calendar year 2011:

- Fond du Lac Tribal and Community College Practical Nursing Program, Cloquet, MN
- Itasca Community College Practical Nursing Program, Grand Rapids, MN
- Mesabi Range Community & Technical College Practical Nursing Program, Eveleth, MN
- Northland Community and Technical College East Grand Forks Practical Nursing Program, East Grand Forks, MN
- Rasmussen College Professional Nursing Program, Mankato, MN
- St. Catherine University Associate Degree Nursing Program, Minneapolis, MN
- St. Paul Community and Technical College Practical Nursing Program, St. Paul, MN

A subsequent action was approved to require an on-site survey and submission of a revised plan of corrective action for the following programs because NCLEX® first-time success rates were below minimum standard for two consecutive calendar years (2010 and 2011):

- Minnesota State Community and Technical College Associate Degree Nursing Program, Detroit Lakes, Fergus Falls, Moorhead, and Wadena, MN
- Northland Community and Technical College Practical Nursing Program, Thief River Falls, MN

The Board also acted to require an on-site survey for compliance with board rules for the following program because NCLEX® first-time success rates were below minimum standard for three consecutive calendar years (2009, 2010, and 2011):

- Rainy River Community College Practical Nursing Program, International Falls, MN

Finally, the Board removed the following programs from special board oversight as 2011 NCLEX® first-time success rates were above minimum standard:

- Alexandria Technical and Community College Associate Degree Mobility Nursing Program, Alexandria, MN
- Fond du Lac Tribal and Community College Mobility Associate Degree Nursing Program, Cloquet, MN
- Minnesota State College – Southeast Technical Associate in Science – Nursing Mobility Program, Winona and Red Wing, MN

Report of Plans of Corrective Action for Calendar Year 2011

At the October 2011 board meeting, the Board received a report summarizing the plans of corrective action and the revised plans of corrective action submitted by the following programs that were below minimum standard for calendar year 2010:

- Alexandria Technical and Community College Associate Degree Mobility Nursing Program, Alexandria, MN
- Fond du Lac Tribal and Community College Mobility Associate Degree Nursing Program, Cloquet, MN
- Minnesota State College – Southeast Technical Associate in Science Nursing Mobility Program, Winona and Red Wing, MN
- Minnesota State Community and Technical College Associate Degree Nursing Program
- Northland Community and Technical College Practical Nursing Program, Thief River Falls, MN
- Rainy River Community College Practical Nursing Program, International Falls, MN

Each plan of corrective action was reviewed and areas identified by the program as areas needing improvement noted. All submitted plans were then analyzed as a group to determine if any factors common to all the programs could be identified as impacting first-time candidate success rates on the NCLEX[®] examination. Across these programs, six elements were commonly identified as contributing to negative outcomes. These factors included:

- Admission/Progression Requirements
- Curriculum Revision
- Evaluation
- Predictor Exam
- Faculty Development/Utilization
- Student Resources

REPORT OF ANNUAL COMPLIANCE SURVEY

The Board requires directors of approved nursing programs to submit evidence regarding the nursing program's compliance with relevant program approval rules by October of each year. All nursing programs have submitted the requested information for fiscal year 2011 (July 1, 2010 – June 30, 2011).

Minnesota Statutes, section 176.182 requires every state and local licensing agency to present acceptable evidence of compliance with the workers' compensation insurance coverage requirement of section 176.181, subdivision 2. All nursing programs submitted evidence indicating compliance with the statute.

Minnesota Rule 2340 subp. 3 D (1) specifies that students have learning activities with faculty oversight to acquire and demonstrate competence in clinical settings with patients across the life span and with patients throughout the wellness, acute, and chronic illness continuum. All nursing programs provided evidence that students have learning activities with patients across the life span and illness-wellness continuum.

Accreditation Status

Minnesota Rule 6301.2350 subpart 1 stipulates that all approved nursing education programs must provide evidence of current accreditation by a national nursing accrediting body approved by the United States Department of Education by January 1, 2016, or must have achieved candidacy status leading to such accreditation and demonstrated satisfactory progression toward obtaining the accreditation.

In the annual compliance report, directors of nursing programs indicated the accreditation status of their nursing program. Only 12% of practical nursing programs are currently accredited. For professional nursing programs, 50% of associate degree nursing programs, 94% of baccalaureate nursing programs, and all entry level master's of nursing programs are nationally accredited. Overall, nearly 50% of nursing programs in Minnesota are accredited.

<u>Program type</u>	<u>Accredited</u>	<u>Not Accredited</u>
Practical Nursing Programs	3	23
Professional Nursing Programs		
Associate Degree	12	12
Baccalaureate	17	1
Entry level Masters	2	0

Since the directors' report of accreditation status in October, two professional nursing programs (1 baccalaureate and 1 associate degree) have had site visits by accreditors and will be recommended for accreditation.

Report of Faculty Licensure and Credentials

The faculty requirements changed with the implementation of the new program approval rules in June 2011.

Minnesota Rule 6301.2340 subp. 3 F specifies that nursing faculty have a major in nursing at the baccalaureate or graduate level and unencumbered licensure as a registered nurse with current registration in Minnesota;

- G. ensure practical nursing program faculty have a baccalaureate or graduate degree in nursing from a regionally or nationally accredited college or university recognized by the United States Department of Education or by a comparable organization if the baccalaureate- or graduate-level degree is from a foreign country; and
- H. ensure professional nursing program faculty have a graduate degree for full-time faculty and the majority of part-time faculty hold a graduate degree from a regionally or nationally accredited college or university recognized by the United States Department of Education or by a comparable organization if the baccalaureate- or graduate-level degree is from a foreign country;

Program directors submitted evidence demonstrating all programs are in compliance with the requirement that all faculty have an unencumbered Minnesota registered nurse license and current registration. All accredited programs demonstrated compliance with the faculty education requirements.

Table 1 summarizes the number and distribution of nursing faculty in Minnesota nursing programs. Appendix C provides a list of the number of faculty teaching in each nursing program.

Table 1. Minnesota Faculty Statistics.

Faculty teaching in:	Number of faculty	%	Faculty teaching in:			
			Accredited	%	Non Accredited	%
All Minnesota Nursing Programs	1,195	100%	726	60.8%	469	39.2%
Associate Degree	361	30.2%	224	62%	137	38%
Baccalaureate	411	34.4%	406	98.8%	5	1.2%
Masters Entry	59	4.9%	59	100%	0	0%
Practical Nursing	364	30.5%	37	10.2%	327	89.8%

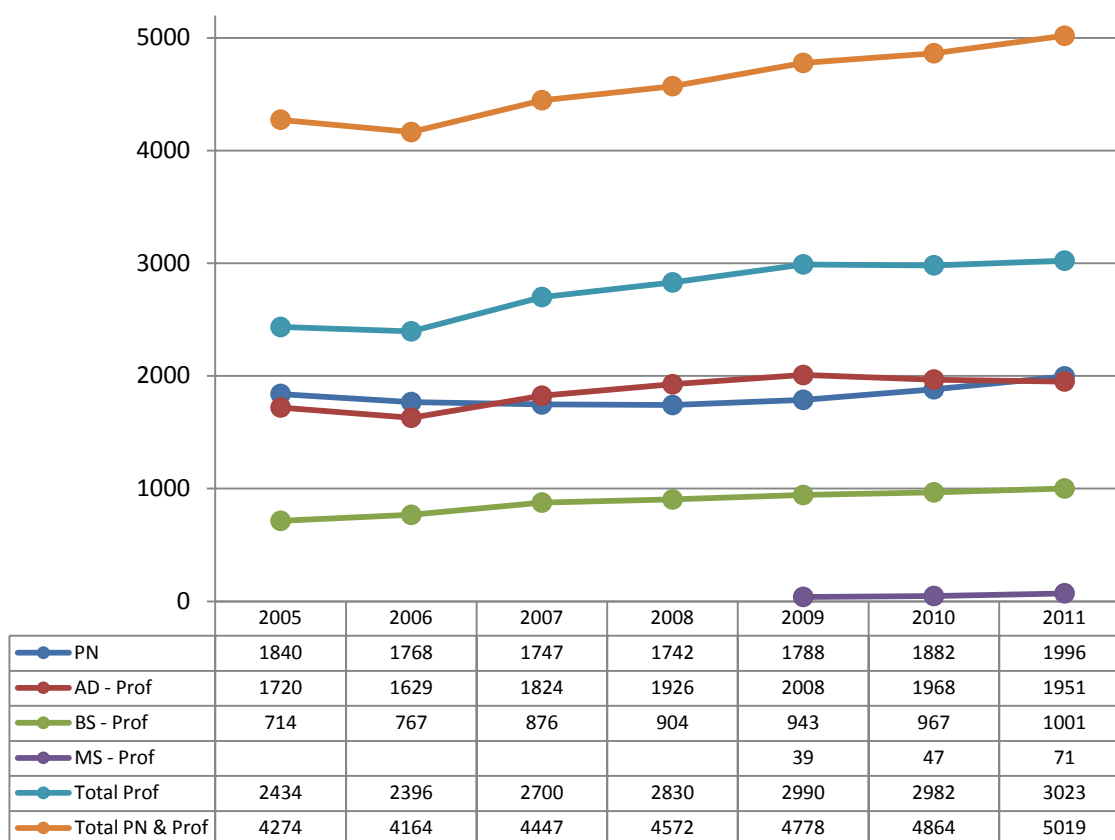
MINNESOTA NURSING EDUCATION PROGRAM REPORTS

Report of Minnesota Graduates

Annually, nursing program directors report the number of students who complete the program during a fiscal year, July 1st through June 30th (Appendix D1 – D3). Figure 1 depicts the recent nursing graduates. As compared to 2005, the number of students completing associate degree nursing programs in 2011 increased 13.4%; the number of students completing licensure-preparing baccalaureate and entry level master's nursing programs in 2011 increased 50.1%; and the number of students completing practical nursing programs in 2011 increased 8.5%.

From 2005 to 2011, the number of students completing licensure-preparing nursing programs in Minnesota increased 17.4%. Three new nursing programs (2 baccalaureate and 1 associate degree program) have not had a graduating class during this reporting period.

Figure 1. Number of graduates reported by Minnesota nursing program directors.



Educational Mobility in Minnesota

Nurses at all levels of practice progress along the educational continuum to increase their knowledge and skill. Licensed practical nurses (LPN) are granted advanced standing in associate degree nursing programs. Registered nurses, both diploma and associate degree, pursue baccalaureate degrees and advanced degrees.

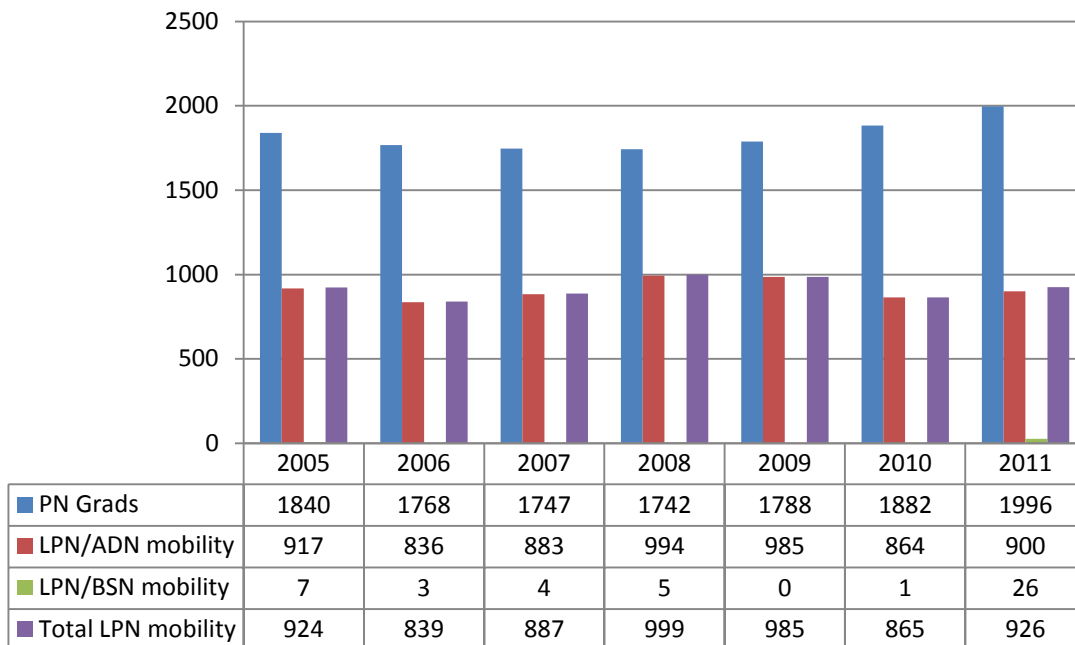
Advanced Standing for Licensed Practical Nurses

Minnesota nursing programs have a statutory requirement to grant advanced standing. Associate degree nursing programs approved or seeking to be approved by the Board shall provide for advanced standing for licensed practical nurses in recognition of their nursing education and experience (M.S. 148.251 subd. 6).

There are two types of associate degree curricula offering advanced standing to LPNs. Generic Associate Degree (AD) programs admit qualified applicants who want to become professional nurses and must offer advanced standing to qualified LPN applicants. Mobility AD programs offer a curriculum specifically designed for LPNs to become professional nurses and will admit only LPNs as students. Furthermore, there are two Minnesota mobility AD programs that, although not required by statute, offer advanced standing to students who completed an approved practical nursing program but have not passed the NCLEX-PN® exam. See Appendix E for the number of advanced standing credits granted by associate degree nursing programs to LPNs or PN program completion graduates.

Figure 2 illustrates how practical nurses are mobilizing into professional nursing programs. From 2005 to 2011, graduates of Minnesota approved practical nursing programs totaled 12,763. Similarly, practical nurses who graduated from a Minnesota approved professional nursing program totaled 6,425. In contrast, the number of practical nurses who eventually mobilize and complete a professional nursing program is 46.4% in comparison to the total number of practical nurse graduates during that same time period.

Figure 2. Number of LPNs completing professional programs versus PN graduates.



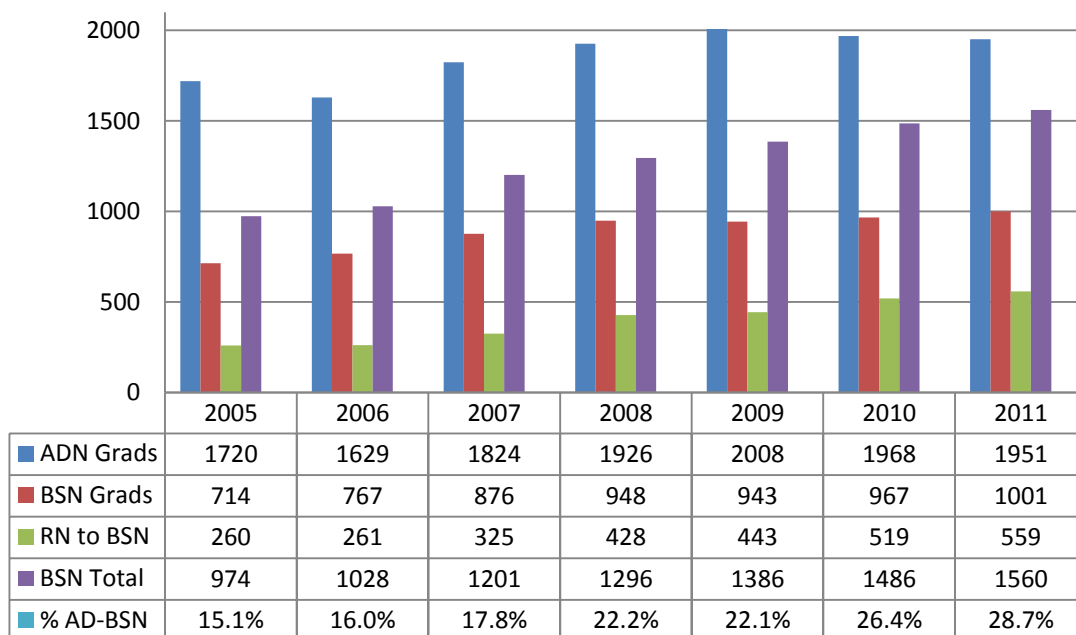
Baccalaureate Completion Programs for Registered Nurses

Nationally there has been an increase in enrollment for RN to BSN programs. The American Association of Colleges of Nurses reported an increase in enrollment for RN to BSN programs by 12.8% nationwide from 2008-2009 and 21.6% nationwide from 2009-2010 (AACN, 2010, 2011).

The number of registered nurses with associate degrees and diplomas graduating from baccalaureate completion nursing programs (RN to BSN) are listed in Figure 3. In Minnesota, 10 out of 18 approved baccalaureate degree licensure-preparing programs offer baccalaureate completion opportunities for registered nurses. Additionally, there are three baccalaureate completion programs in Minnesota that do not offer licensure-preparing baccalaureate programs.

The Board has no jurisdiction over baccalaureate completion programs. Data is supplied by directors of nursing programs in Minnesota. Non-jurisdictional baccalaureate completion programs in Minnesota with a physical campus (Augsburg College, St. Mary's University, and University of Phoenix) provide RN to BSN graduate statistics to the Board. Figure 3 presents an estimated number of graduates from baccalaureate completion programs in Minnesota from 2005 – 2011. The percentage of RNs returning to complete the baccalaureate degree as compared to the percentage of graduates from Minnesota associate degree nursing programs ranges from a low of 15.1% in 2005 to a high of 28.7% in 2011. Included in the RN to BSN graduate numbers are individuals who graduated from diploma programs. The last diploma school in Minnesota closed in 1987. Unlike the associate degree graduates, there are no annual graduate figures to include; therefore, percentages of those returning for a baccalaureate degree as shown in Figure 3 are artificially high.

Figure 3. Number of RNs completing Minnesota baccalaureate nursing completion programs.



According to the 2009-2010 Office of Rural Health and Primary Care (ORHPC, personal communication, 2012) survey data, 15.4% of nurses whose initial degree was an associate degree or diploma returned to obtain a baccalaureate degree. Current data collection strategies in Minnesota make obtaining an accurate number of nurses who return for additional degrees difficult. Improved strategies are being considered to provide more complete data regarding the supply of nurses and their mobility patterns. The ORHPC survey results are tabulated on a biannual basis (2009-2010); therefore 2011 data is not available.

Additional Nursing Degrees Earned

Table 2 summarizes additional nursing degrees earned, as self reported by registered nurses responding to the ORHPC survey in 2009 and 2010. Of those who indicated they completed a licensure-preparing diploma program, 17.5% went on to earn a bachelor's degree in nursing, 7.7% achieved a master's degree in nursing, and 0.7% achieved a doctorate in nursing. Of those who completed a licensure-preparing associate degree, 14.8% went on to achieve a baccalaureate degree in nursing, 4.7% achieved a master's degree in nursing and 0.3% achieved a doctorate in nursing. Of those who completed a baccalaureate degree licensure-preparing nursing program, 17.9% earned a masters degree in nursing, and 1% received a doctorate in nursing. Additional nursing degrees earned for those completing a licensure-preparing master's degree in nursing are not applicable because the licensure-preparing master's degree in nursing programs first graduated students in 2008; hence graduates are less likely to have since obtained a doctorate. Overall, nurses who completed a licensure-preparing baccalaureate nursing program are more likely to acquire additional higher and advanced degrees in nursing than licensure-prepared diploma nurses followed by licensure-prepared associate degree nurses.

Table 2. Highest Nursing Degree Earned After Licensure as a Registered Nurse 2009-2010.

Nursing Degree at Time of RN Licensure	Highest Nursing Degree Earned After Being Licensed as an RN		
	Additional Baccalaureate Only	Additional Masters Only	Additional Doctorate Only
Associate (n=19,213)	3,540 14.8%	1,117 4.7%	73 0.3%
Baccalaureate (n=13,237)	547 3.2%	3,047 17.9%	176 1%
Diploma (n=5,073)	1,198 17.5%	524 7.7%	51 0.7%
Masters (n=68)	0 0%	35 34%	0 0%

Source: Office of Rural Health and Primary Care, Minnesota Department of Health (personal communication, 2012)

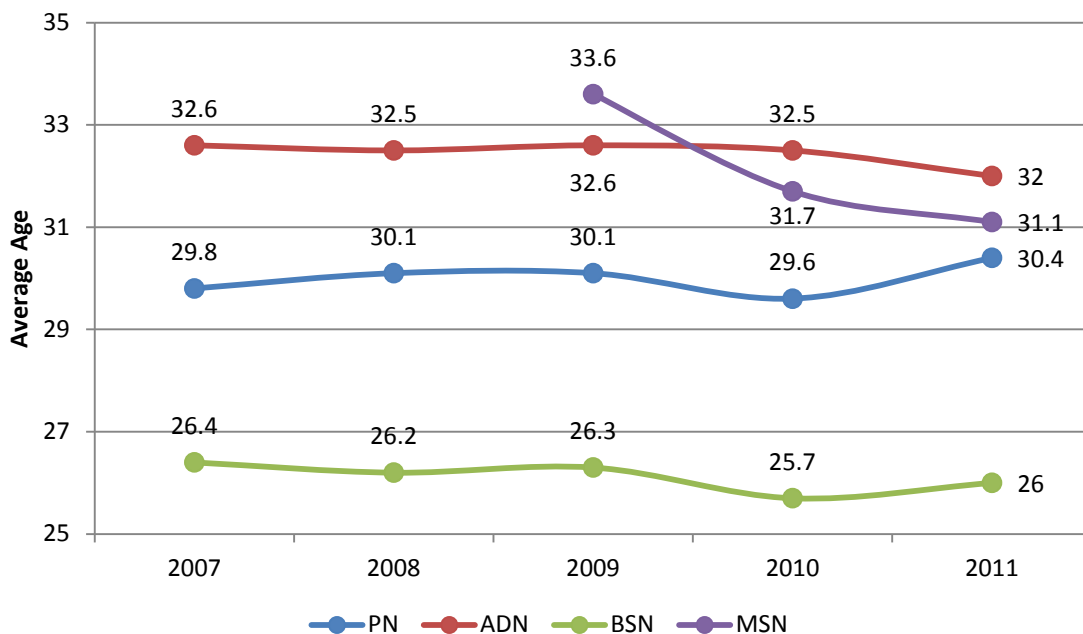
Demographic Characteristics of Minnesota Graduates at the Time of Licensure

Average Age at Time of Licensure

Figure 4 depicts the average age at the time Minnesota RNs and LPNs were licensed by exam for calendar years 2007 – 2011. During this period, the mean age of associate degree and masters entry level nurses decreased while small increases were seen in practical and baccalaureate nurses.

The trend continues that RNs with baccalaureate licensure-preparing education are licensed at an earlier age than nurses with professional associate degree and practical licensure-preparing education. The master's entry level nursing degree is a second college degree; thus graduates tend to be older.

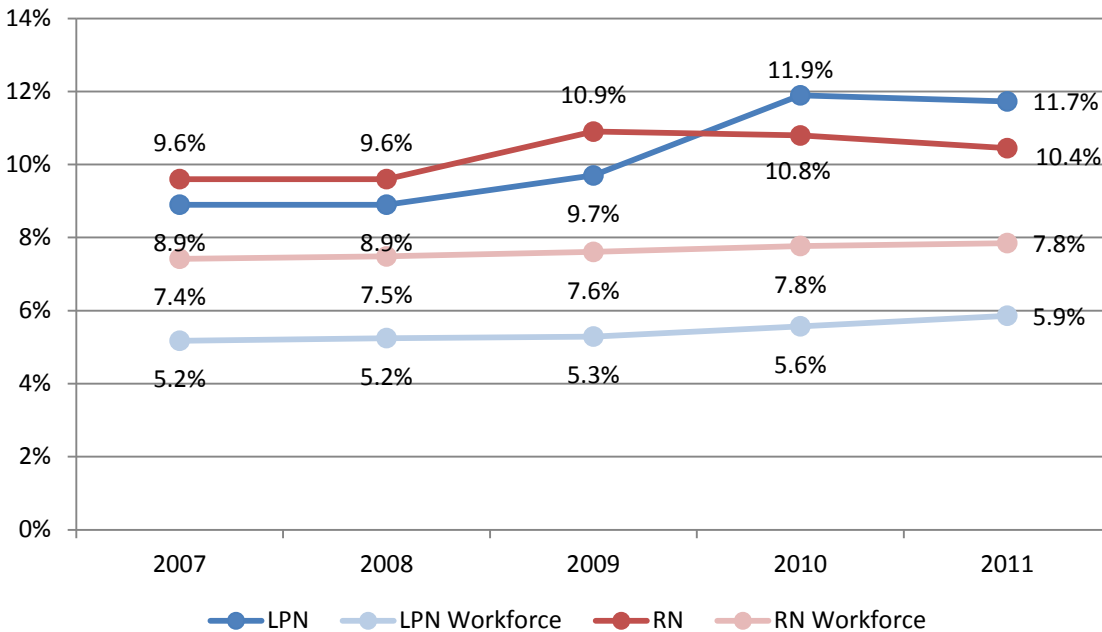
Figure 4. Average age at time of licensure by examination in Minnesota.



Males at Licensure Compared to the Workforce

As depicted in Figure 5, from 2007 to 2011, a greater percentage of males from Minnesota were licensed by exam as compared to the total percentage of males in the Minnesota RN workforce.

Figure 5. Male nurses licensed by exam vs. males in the Minnesota workforce.



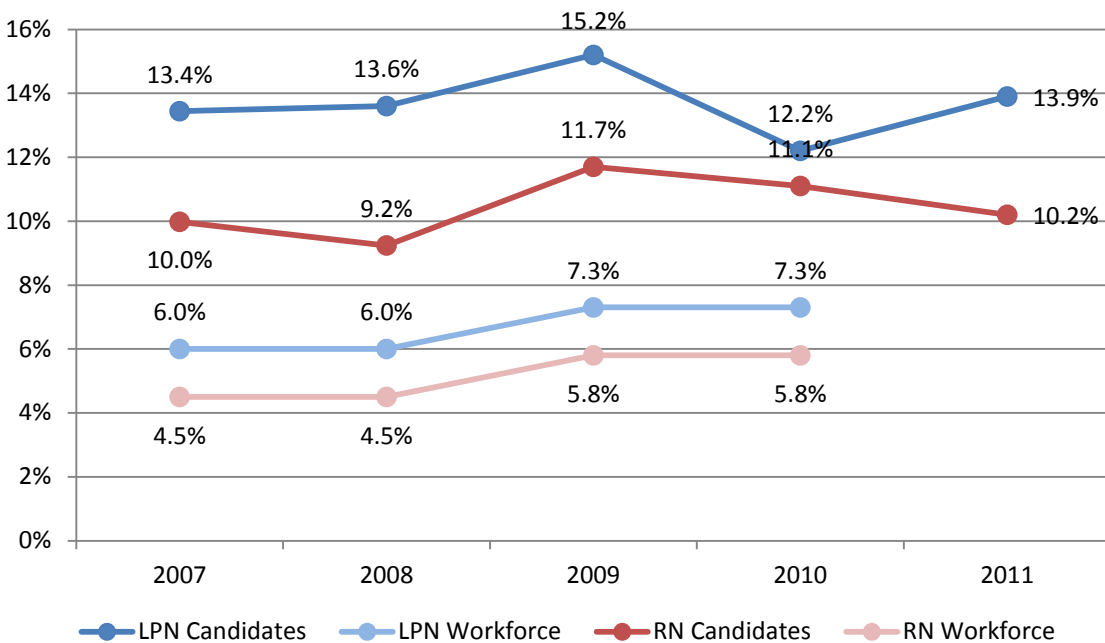
Ethnicity at Licensure Compared to the Workforce

When candidates complete registration for the NCLEX[®] exam, they may volunteer information about ethnic origin. Appendix F presents National Council of State Boards of Nursing (NCSBN) ethnicity data regarding candidates from Minnesota programs for 2007 – 2011. Approximately 14% of candidates do not complete this item.

Between 2007 and 2011, an average of 10.2% of RN candidates and 13.9% of PN candidates self-reported as an ethnic minority (NCSBN, personal communication, 2012). Figure 6 compares candidate data with the ORHPC survey, whereby 7.3% of the LPN workforce and 5.8% of the RN workforce were non-white (ORHPC, personal communication, 2012). In comparison, the ethnicity of LPN and RN candidates is greater than that self-reported ethnicity of LPNs and RNs responding to the ORHPC survey. If students completing Minnesota nursing programs continue to be more ethnically diverse, eventually the workforce percentages may reflect that increase.

The ORHPC survey results are tabulated on a biannual basis (2009-2010); therefore 2011 data is not available.

Figure 6. Ethnicity of candidates taking the licensure exam vs. Minnesota workforce.



According to the 2010 census data, Minnesota's non-white population was approximately 14.6%. In comparison to the report of ethnicity for candidates from Minnesota programs taking the licensure exam in 2011, the percentage of ethnic LPN candidates is less than the percentage of Minnesota's non-white population. Similarly, the percentage of ethnic RN candidates is less than the percentage of the non-white population. With overall percentage of ethnic LPN and RN candidates at 11.5%, the ethnicity of candidates is less diverse in comparison to Minnesota's non-white population.

Primary Language at Licensure

When candidates complete the NCLEX[®] registration, they may volunteer information about their primary language. Figures 7 and 8 present data from NCSBN regarding 2007 – 2011 candidates from Minnesota nursing programs.

Figure 7. Minnesota PN candidates self-report of primary language.

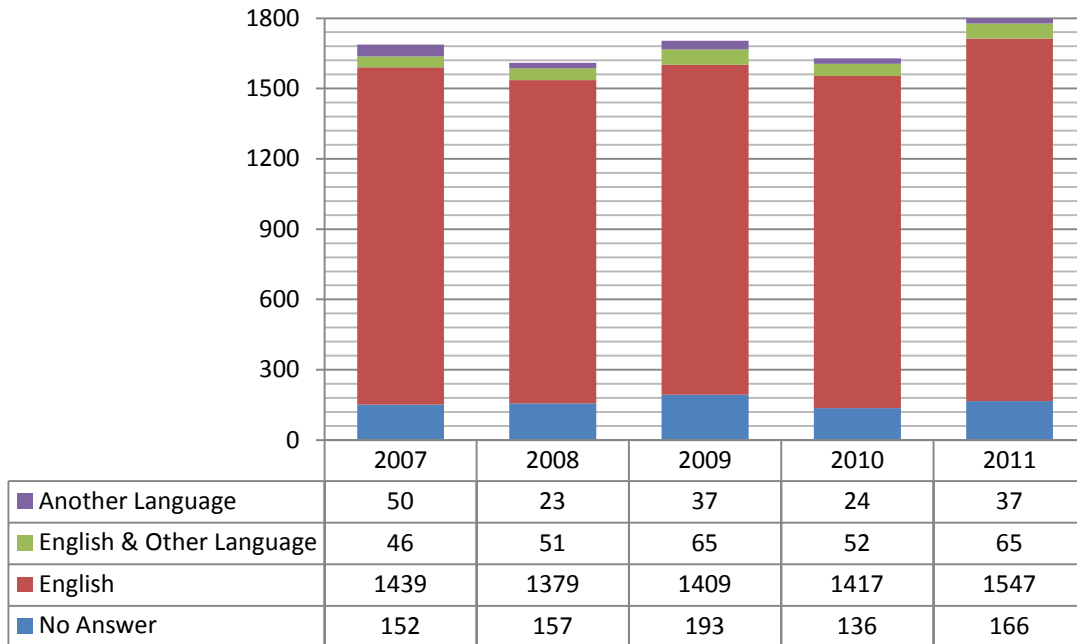
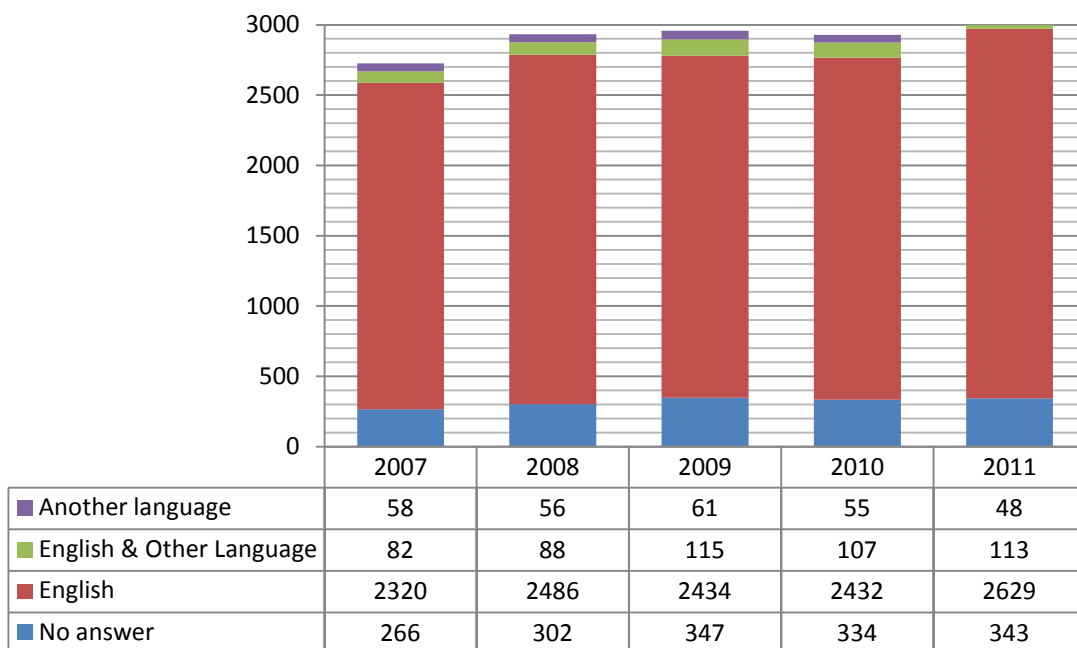


Figure 8. Minnesota RN candidates self-report of primary language.



REPORT OF NCLEX® RESULTS

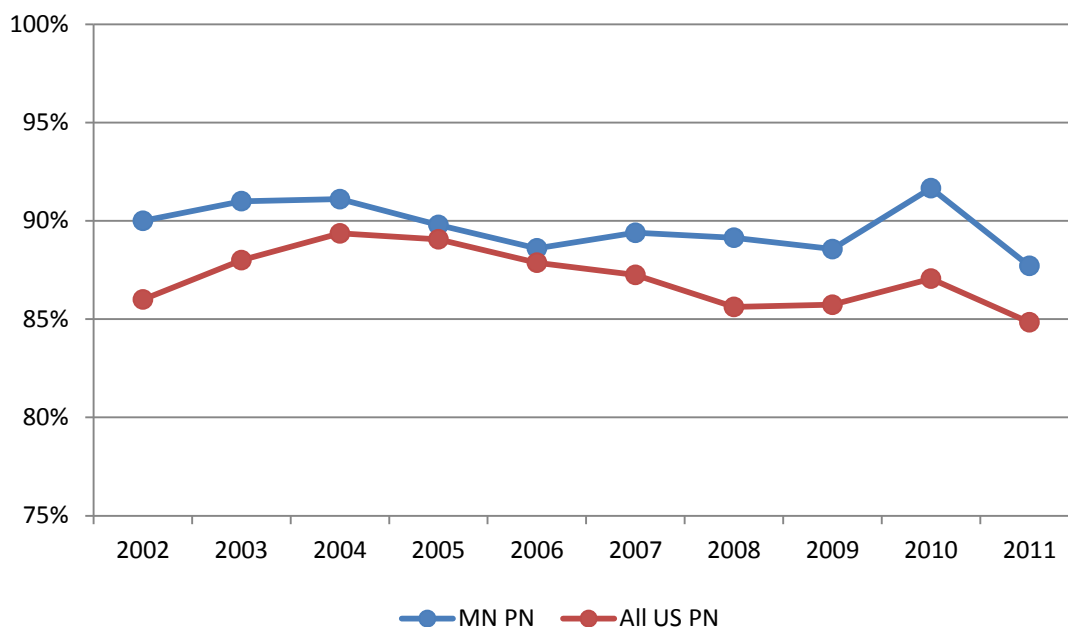
Success rates for Minnesota Programs for Calendar Year 2011

The reports of first-time success rate and number of LPN and RN candidates reflect the total number of candidates from Minnesota nursing programs, including candidates who applied for licensure by exam in other jurisdictions.

Minnesota programs' first-time success rates for practical nursing candidates on the NCLEX-PN® licensing examination and first-time success rates for professional nursing candidates on the NCLEX-RN® licensing examination are displayed in Appendix G1-G3.

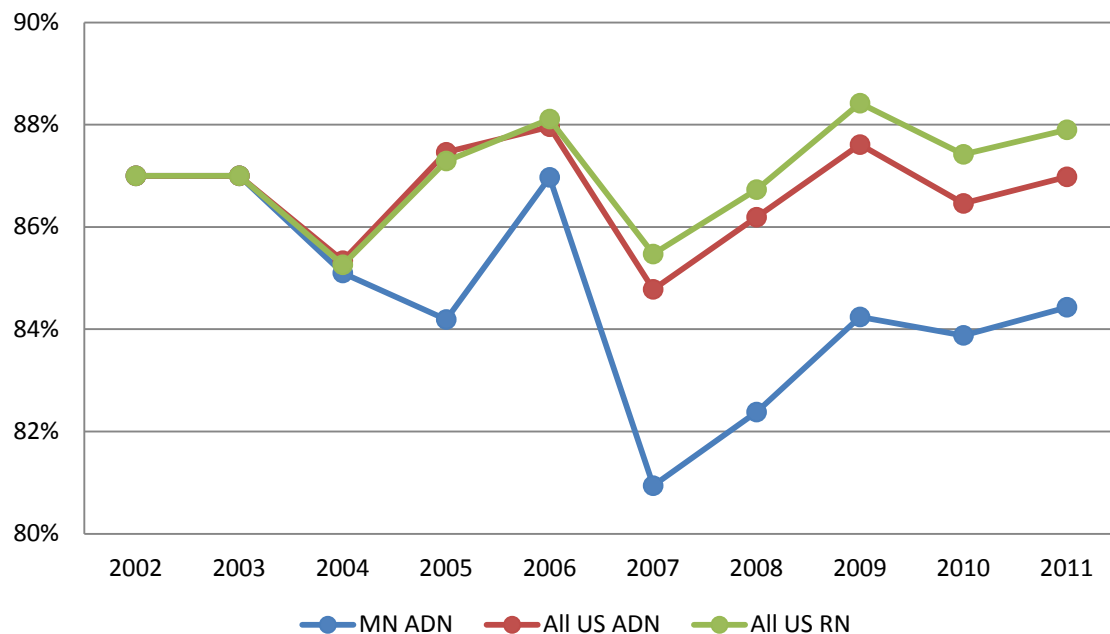
In 2011, practical nursing candidates from Minnesota had an 87.7% first-time success rate as compared to 84.8% for all practical nursing candidates as indicated in Figure 9. Minnesota success rates continue to be above the national average.

Figure 9: Comparison of first-time NCLEX-PN® candidate success rates.



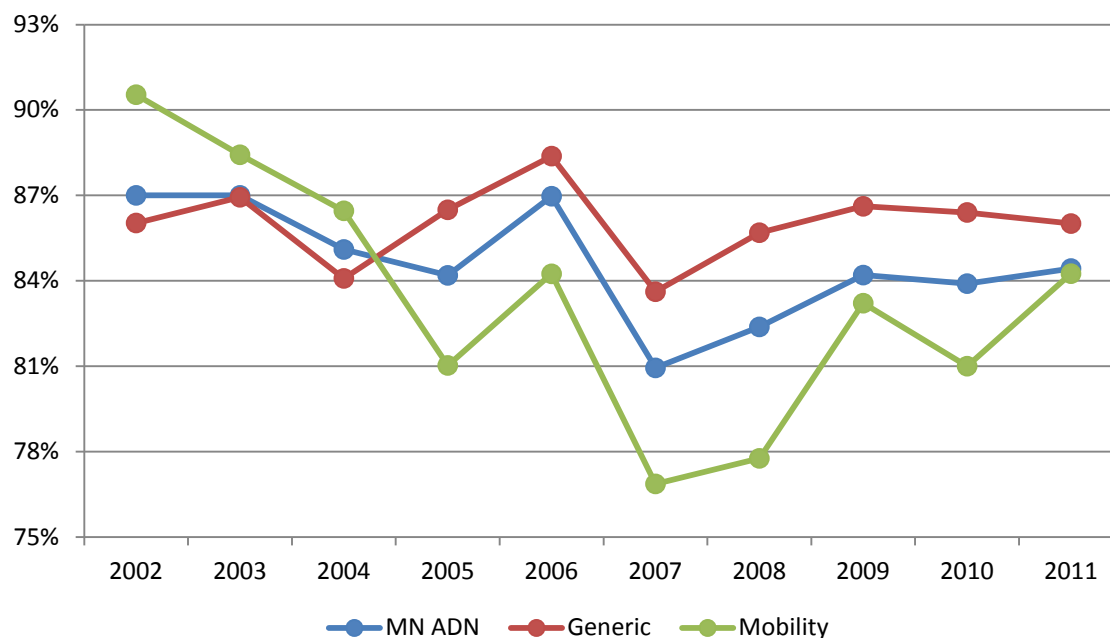
Associate degree nursing candidates from Minnesota nursing programs had an 84.4% first-time success rate for 2011 as compared to 87% for all associate degree candidates from U.S. programs (Figure 10). It would appear that Minnesota associate degree nursing programs are below the national average.

Figure 10. Comparison of first-time NCLEX[®] associate degree candidate success rates.



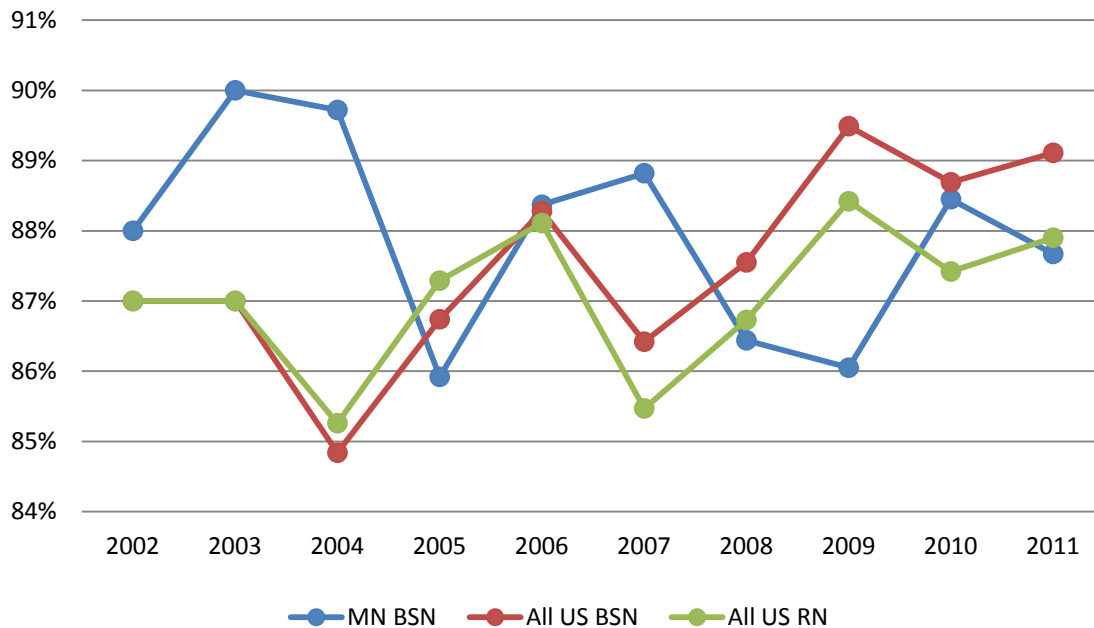
In considering Minnesota first-time success rates by type of associate degree nursing program, the generic AD programs average better first-time success rates than the mobility AD programs by nearly 2% (Figure 11). The first-time success rate for generic AD programs averaged 86%, whereas the mobility AD programs averaged 84.3%. Despite higher success rates when not considering Minnesota's mobility AD programs, the generic AD programs in Minnesota were still below the national average success rate of 87% for associate degree nursing programs.

Figure 11. Comparison of first-time NCLEX[®] success rates by associate degree program types.



As illustrated in Figure 12, Minnesota programs continue to follow their own path in contrast to the national baccalaureate success rate averages. The first-time success rates for baccalaureate and higher degree candidates of Minnesota approved nursing programs experienced a decrease in the 2011 success rate to 87.7% as compared to a success rate of 88.5% in 2010. In 2011, the U.S. average for all baccalaureate candidates was 89.1 %, which was an increase from the previous year, while Minnesota programs decreased.

Figure 12. Comparison of first-time NCLEX-RN® baccalaureate degree candidate success rates.



Number of Times for NCLEX® Success

The Board does not restrict number of times candidates for licensure by exam may retake the NCLEX® for Minnesota nurse licensure. Table 3 depicts the number of attempts taken by candidates of Minnesota programs before they achieved success on the exam in 2009, 2010 or 2011. The table does not include candidates with previous attempts who have not passed the NCLEX®.

During this period, practical nursing candidates who were successful on their first exam attempt account for 92.4% of practical nursing candidates licensed in Minnesota. By the third exam attempt, over 99% of practical nursing candidates passed the NCLEX-PN®.

Regarding professional nurse candidates, 87% of associate degree, 89% of baccalaureate degree and 94.6% of entry-level master of nursing degree candidates were licensed by their first exam attempt. By the third exam attempt, 97.9% of candidates for associate degree, 98.4% of candidates for baccalaureate degree, and 100% of candidates for entry level master's degree passed the NCLEX-RN®. By the fourth retake, greater than 99% of all professional nurse candidates were successful.

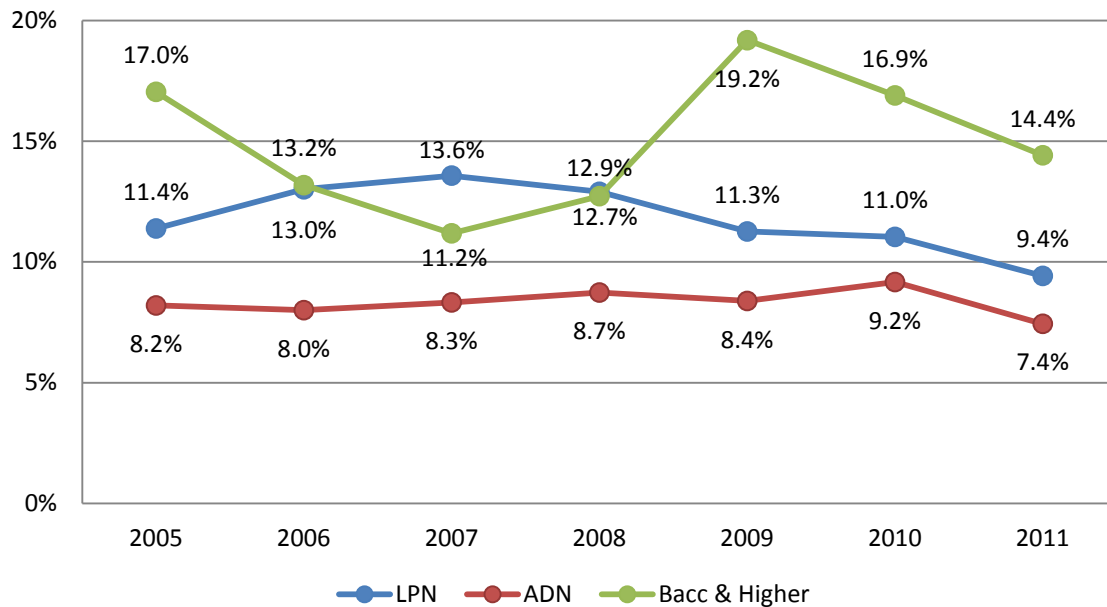
Table 3. Attempts by Minnesota Program Candidates to Achieve NCLEX® Success.

# of Attempts to Pass NCLEX®	MN Practical Nursing Candidates			MN Associate Degree Professional Nursing Candidates			MN Baccalaureate Candidates			MN Master Candidates		
	2009	2010	2011	2009	2010	2011	2009	2010	2011	2009	2010	2011
1	1332	1310	1418	1538	1468	1596	645	694	772	35	60	64
2	88	70	74	151	138	148	61	55	55	2	3	4
3	25	17	17	55	40	45	20	13	17			
4	12	12	6	23	16	21	4	7	9			
5	1	4	3	11	3	7	3	2	2			
6		2	1	5	6	2	3	1	1			
7			0	2	3	3	2	1	1			
8			0	0	0	1	1		2			
9			0	1	0	0						
10			0	0	1	2						
11			0	1	0	2						
12			0	0	0							
13			1	0	1							
14				0								
15				0								
16				0								
17				0								
18				0								
19				0								
20				0								
21				1								
Total	1458	1415	1520	1788	1676	1827	739	773	859	37	63	68

MN Program Candidates Taking the NCLEX® in Other Jurisdictions

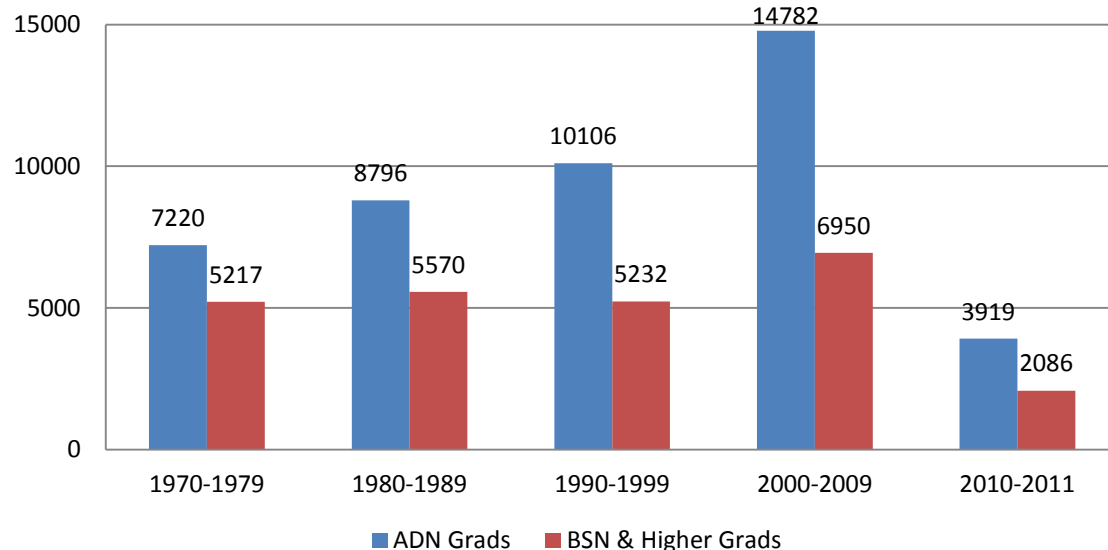
In 2011, 9.4% from Minnesota practical nursing programs, 7.4% from Minnesota associate degree professional nursing programs, and 14.4% of candidates from Minnesota baccalaureate and higher professional programs applied for licensure by exam in other jurisdictions (Figure 13). From 2005 to 2011, 11.8% of practical nursing candidates, 8.3% of associate degree professional nursing candidates, and 15% of baccalaureate and higher professional nursing candidates applied for licensure by exam in other jurisdictions.

Figure 13. Minnesota program candidates applying for licensure by exam in other jurisdictions.



The number of baccalaureate and higher graduates applying for licensure by exam in other jurisdictions may be a reflection of fewer job opportunities in Minnesota during this period and that these graduates are younger and may be more mobile. Additionally, these baccalaureate and higher degree graduates may have a greater range of opportunities in other jurisdictions that have job vacancies. It is unfortunate for Minnesota to lose baccalaureate graduates when the Institute of Medicine (IOM, 2011) recommends increasing the proportion of nurses with a baccalaureate degree to 80% by 2020. Figure 14 illustrates the proportion of Minnesota graduates who are educated at the associate and baccalaureate degrees from 1970 - 2011. Meeting the IOM recommendation will be challenging.

Figure 14. Number of associate degree and baccalaureate and higher degree graduates.



STRATEGIC INITIATIVES

The Board's strategic initiatives in relation to education includes:

- support initiatives in education/practice that promote a competent nursing workforce,
- investigate issues related to nursing education as requested by the Board,
- inform the Board of new and emerging issues relating to nursing education,
- examine nursing education issues which are identified during program approval surveys or other interactions with educators and students,
- increase congruence of education, practice and regulation for all levels of nursing practice, and
- advance the Minnesota Board of Nursing as a key partner in nursing and public policy development.

The reports that follow relate to these strategic initiatives.

Report Regarding Program Approval Rules

The Board was presented with the following information at the August 2009 board meeting:

- Program Approval Rules became effective in 1983.
- In 1999 – 2001, board-appointed task forces reviewed and revised the program approval rules initiated in 1983.
- Due to the fact that many research initiatives regarding pre-licensure education have evolved since the last review and revision of the program approval rules, it was time to review the program approval rules in relation to this evidence.

Subsequently, the Board acted to:

- 1) Establish a Program Approval Review Task Force to address the appropriate public protection role of the Board in approving nursing programs, the currency and clarity of the program approval rules and to determine whether there are alternative methods of program evaluation that would accomplish the goals of public protection.
- 2) Designate the membership of the Task Force to include Board members and directors of nursing programs.
- 3) Request that a status report be made to the Board no later than June 2010.

Task Force members reported to the Board in June 2010 that they were pursuing the following direction:

- Require, by rule, accreditation for all nursing education programs inclusive of programs with established timelines for compliance;
- Accept CCNE or NLNAC accreditation in lieu of board renewal of approval; and
- A timeline of December 31, 2015 to comply with accreditation requirements.

The Board approved a motion concurring with the general direction of the Task Force, with final approval contingent upon other recommendations of the Task Force.

In August 2010, the Board passed a motion at the recommendation of the Task Force, that the Board initiate the process to review and revise Minnesota Rule (MR) Chapter 6301.

In October 2010, the Board approved the first draft of the proposed repeal of and amendment to Program Approval rules in MR 6301.

At the December 2010 meeting the Board approved the following:

1. The proposed repeal of and amendment to program approval rules in MR 6301; and
2. Publish in the *State Register* notification of the Board's Notice of Intent to Adopt the proposed repeal of and amendment to program approval rules in MR 6301 without a public hearing.

The notification of the Board's intent to adopt the proposed repeal of and amendment to program approval rules was published in the *State Register* January 3, 2011 and the comment period ended February 3, 2011. Four letters of support were received and no requests for a hearing were made.

At the April 2011 board meeting, the Board approved recommendations of the Program Approval Review Task Force and voted to adopt the proposed program approval rules. The Notice of Adoption was published in the *State Register* June 20, 2011 and went into effect June 28, 2011.

Program Approval Taskforce Members:

Board Members

Marcia Farinacci, Public Member
Kathi Haberman, RN Member
Doris Hill, RN Member
Amy Witt, RN Member

Director Association Members

Lorrie Fox, PN Program Director
Krista Hoekstra, PN Program Director
DiAnn Zimmerman, Alternate PN Program Director
Merry Beth Gay, ADN Program Director
Sheila Paul, ADN Program Director
Barbara Bozicevich, Alternate ADN Program Director
Ann Leja, Pre-licensure MSN Program Director
Kelli Smith, BSN Program Director
Diane Dahl, Alternate BSN Program

Board Staff

Ann Jones
Sharon Ridgeway

Report Regarding Proposed Rule Revision of Professional and Practical Licensure and Authority

In April 2010, the Board charged the Education Committee to review the credentialing rules in relation to the program approval rules and to the National Council of State Boards of Nursing (NCSBN) Uniform Licensure Requirements (ULR) and to provide a recommendation to the Board regarding possible revisions of the current credentialing rules.

In response to the Board's charge, the Education Committee reviewed the credentialing rules and identified that many rules were ambiguous, incongruent with other rules and statutes and obsolete because of changes such as advancements in electronic technology or development of and access to national data bases. For example, committee members determined credentialing rule 6305.0400 subpart 4 is ambiguous and incongruent with Minnesota program approval rules. Minnesota Rule 6305.0400 subp. 6 stipulates applicants from a country other than Canada or the U.S. must complete a qualifying exam while Minnesota Statute 148.211 subd. 1.(d) stipulates the applicant must submit a credentials evaluation evidencing equivalency of educational preparation. Obsolescence of rules is exemplified by Minnesota Rule 6305.0300 subp. 7 in which a permit to practice without supervision is valid for one year for applicants for licensure by endorsement because, in the past, it took that amount of time to verify licensure, employment, and disciplinary status of the applicant's license. Access to data bases, e.g. Nursys®, makes it possible to verify a license within days rather than months.

Based upon this analysis, the Education Committee:

- Re-affirmed the importance of the credentialing rules in helping address the role of the Board of Nursing in contributing to the protection of the public's health and safety;
- Identified that errors in reference to statute were present due to changes in legislation made since the last rule revision, and that the existing credential rules were outdated, obsolete and/or inadequate to address current needs and standards.
- Concluded that the NCSBN Uniform Core Licensing Requirements incorporated elements that were relevant to regulation regarding the practice of professional and practical nursing in Minnesota.

The Education Committee recommended repeal and/or amendment of credentialing rules at the August 2010 board meeting. The Board accepted the recommendations from the Education Committee and passed a motion to begin rule promulgation.

The Board acted on December 8, 2011 to approve the proposed Minnesota Rule Chapters 6305 and 6310, and publish a Notice of Intent to Adopt the proposed rules without a public hearing in the State Register. The Notice of Intent was published in the March 19, 2012 State Register.

Report Regarding Education Committee Recommendation to Approve Refresher Course Criteria

At the April 2010 board meeting, the Board charged the Education Committee to review the credentialing rules governing professional and practical licensure (MR 6305) and professional and practical registration (MR 6310) in relation to the program approval rules and the National Council of Boards of Nursing (NCSBN) Uniform Licensure Requirements (ULR), and to provide a recommendation to the Board regarding possible revisions by October 2010. The Committee completed its work and presented to the Board a recommendation regarding revision of these rules.

The proposed rules include 1) a more specific definition of a refresher course; 2) stipulate when a nurse must complete a refresher course; and 3) provide criteria for refresher courses.

To develop refresher course criteria, the Education Committee reviewed the results of a literature search (431 citations reviewed, 11 articles retained). Major findings in the literature included incorporation of both nursing theory and clinical components in refresher courses. Rule from ten states was also reviewed and elements similar to those from the literature were identified. Additionally, common faculty requirements (baccalaureate degree as a minimum with recent clinical or teaching experience) were identified.

Based on this review, the Education Committee developed the following refresher course criteria:

Faculty Qualifications

- Baccalaureate degree in nursing minimum, masters preferred.
- Recent clinical experience or clinical teaching experience.

Course Content Guidelines

- Review of Nurse Practice Act, rules, position statements
- Determination of individual scope of practice
- Review of the clinical problem solving process (systematic approach) for the provision of individualized, goal directed care and evaluation
- Pharmacology review
- Medication administration
- Documentation, quality assurance and legal implications for nursing practice

Course Hour Requirements

Theory	Clinical
60 minimum including skills component	80 minimum

At the December 2011 board meeting, the Board approved the proposed Refresher Course Criteria as recommended by the Education Committee.

Participation on National Council of State Boards of Nursing (NCSBN) Committees

Board members on the Board of Nursing Education Committee serve on the NCLEX[®] Item Review Subcommittee and the NCSBN Education Committee. An education staff member is serving on the Institute for Regulatory Excellence Committee.

Minnesota Alliance for Nursing Education (MANE)

In response to the Board's direction to engage in strategic nursing and public policy development, education staff have been active participants in the Minnesota Alliance for Nursing Education. In accordance with the Institute of Medicine key messages and recommendations to increase the proportion of nurses with a baccalaureate degree to 80% by 2020, MANE was created among interested educational programs, regulation, and practice partners to expand the capacity for baccalaureate prepared nurses in Minnesota. The consortium will design a shared competency based curriculum culminating in a bachelor's degree. Individuals can enter the four year sequence through an associate degree program at a community college or a baccalaureate program at a university.

Staff Publication

In January 2012, the NCSBN's *Journal of Nursing Regulation* published the article, "Program Approval: Minnesota's case for an accreditation requirement", co-authored by Ann Jones, PhD, RN, Director of Education and Credentialing, and former Director Sharon Ridgeway, PhD, RN.

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Appendix A

Minnesota Practical & Professional Licensure-Preparing Nursing Programs

(updated 3/23/2012)

SCHOOL	LOCATION	PRACTICAL	PROFESSIONAL	
			ASSOCIATE DEGREE (available tracks)	BACHELOR DEGREE or Higher (available tracks)
Alexandria Technical College	Alexandria	X	LPN	
Anoka-Ramsey Comm College	Coon Rapids/Cambridge		X	
Anoka Technical College	Anoka	X		
Bemidji State University	Bemidji			X, RN-BSN*
Bethel University	St Paul			X, RN-BSN*
Central Lakes College	Brainerd/Staples	X	LPN	
Century College	White Bear Lake		X	
College of St Benedict/St John's University	St Joseph			X
College St Scholastica	Duluth			X, PB, RN-BSN*
Concordia College	Moorhead			X, PB
Crown College	St Bonifacius/Owatonna			X, RN-BSN*
Dakota Co Technical College	Rosemount	X		
Fond du Lac Tribal College	Cloquet	X	LPN	
Globe University/MN School of Business	Richfield			X
Gustavus Adolphus/St Olaf	St Peter, Northfield			X
Hennepin Technical College	Eden Prairie/Brooklyn Park	X		
Herzing University	Crystal			X
Hibbing Community College	Hibbing (ITV: Grand Rapids, International Falls, Grand Marais)		X	
Inver Hills Community College	Inver Grove Heights		X	
Itasca Community College	Grand Rapids	X		
Lake Superior College	Duluth	X	X	
Mesabi Range Comm/Tech College	Eveleth	X		
Metropolitan State University	St Paul			X, RN-BSN*
Metropolitan State University	St Paul/Coon Rapids/Brooklyn Park			Master of Nursing
Minneapolis Comm/Tech College	Minneapolis	X	PN, LPN	
MN State College - SE Technical	Winona/Red Wing	X	LPN	

Key

X: generic program, also admits LPNs

LPN: program admits only LPNs

PN: program admits individuals completing a practical nursing program

*Board does not approve non-licensure preparing nursing programs

PB: accepts those who obtained a baccalaureate in another field

LPN-BSN: offers professional nursing track for LPNs

Master of Nursing: licensure preparing nursing program taught at master's level

RN-BSN: offers RN to BSN program

SCHOOL	LOCATION	PRACTICAL	PROFESSIONAL	
			ASSOCIATE DEGREE (available tracks)	BACHELOR DEGREE or Higher (available tracks)
MN State Comm/Tech College	Detroit Lakes, Fergus Falls, Moorhead, Wadena	X	X	
MN State University, Mankato	Mankato			X, RN-BSN*
MN State University, Moorhead	Moorhead			RN-BSN*
MN West Comm/Tech College	Worthington, Pipestone		LPN	
MN West Comm/Tech College	Worthington, Pipestone	X		
National American University	Bloomington			X
Normandale Community College	Bloomington		X	
North Hennepin Community College	Brooklyn Park		X	
Northland Comm/Tech College	East Grand Forks		LPN	
Northland Comm/Tech College	East Grand Forks	X		
Northland Comm/Tech College	Thief River Falls	X		
Northwest Technical College - Bemidji	Bemidji	X	LPN	
Pine Technical College	Pine City	X	LPN	
Presentation College, Fairmont	Fairmont			X, LPN-BSN, RN-BSN*
Rainy River Community College	International Falls	X		
Rasmussen College, Mankato	Mankato/Blaine/Brooklyn Park/Eagan/Moorhead/ St Cloud	X		
Rasmussen College	Mankato		X	
Ridgewater College	Willmar/Hutchinson	X	LPN	
Riverland Community College	Austin	X	PN, LPN	
Rochester Comm/Tech College	Rochester	X	X	
South Central College	North Mankato/Faribault	X	X	
St Catherine University	Minneapolis		X	
St Catherine University	St Paul			X, PB, RN-BSN*
St Cloud State University	St Cloud			X, PB
St Cloud Tech/Comm College	St Cloud	X	LPN	
St Paul College	St Paul	X		
University of Minnesota	Minneapolis/Rochester			X
University of Minnesota	Minneapolis			Master of Nursing
Winona State University	Winona/Rochester			X, RN-BSN*

Key

X: generic program, also admits LPNs

LPN: program admits only LPNs

PN: program admits individuals completing a practical nursing program

*Board does not approve non-licensure preparing nursing programs

PB: accepts those who obtained a baccalaureate in another field

LPN-BSN: offers professional nursing track for LPNs

Master of Nursing: licensure preparing nursing program taught at master's level

RN-BSN: offers RN to BSN program



Appendix B

New Nursing Programs Approved in Minnesota from 2001-2011

Nursing Program	Admission Date	Projected Admission Class at Application
MN State College – SE Technical Associate Degree Nursing Program (Winona, MN) *	8/2002	30/year
St Cloud State University Baccalaureate Nursing Program (St Cloud) *	1/2002	32/year
Pine Technical College Practical Nursing Program (Pine City) *	8/2003	40/year
Presentation College Baccalaureate Nursing Program (Fairmont) *	8/25/2004	40/year
Rasmussen College Practical Nursing Program (Mankato) *	4/2005	24/year
Metropolitan State University Baccalaureate Nursing Program (St Paul) *	8/2005	30/year
Minnesota State Community & Technical College Associate Degree Nursing Program - Generic (Detroit Lakes, Fergus Falls, Moorhead, Wadena) **	8/2005	90/year generic
Minnesota State University Moorhead Baccalaureate Nursing Program (Moorhead) * / ***	8/18/2005	32/year
Globe University/ MN School of Business Baccalaureate Nursing Program (Richfield) *	1/2006	40/year
Crown College Baccalaureate Nursing Program (St Bonifacius)	8/28/2006	30/year
Alexandria Technical College (Alexandria) **	Fall 2006	24/year
University of Minnesota Master of Nursing Program (Minneapolis)	Fall 2006	40/year
Fond du Lac Tribal & Community College Practical Nursing Program (Cloquet)	Fall 2007	40/year
Northwest Technical College Bemidji Associate Degree Mobility Nursing Program (Bemidji) **	Fall 2007	65/year
Bemidji State University (Bemidji)	Fall 2008	40-50/year
Fond du Lac Tribal & Community College Associate Degree Nursing Program (Cloquet)	Fall 2008	40/year
Lake Superior Associate Degree Nursing Program - Generic (Duluth)	January 2009	40/year
National American University Baccalaureate Degree Nursing Program (Bloomington) *	Fall 2009	24/year
Metropolitan State University Entry-Level Master of Science Nursing Program (St Paul)	Fall 2009	24/year
Herzing University Baccalaureate Degree Nursing Program (Crystal)	January 2010	32/year
Rasmussen College Associate Degree Nursing Program (Mankato)	January 2010	48/year
South Central College Associate Degree Nursing Program (North Mankato, Faribault) *	August 2010	84/year
St Cloud Technical & Community College Associate Degree in Nursing Mobility Program (St Cloud)	August 2010	40/year
Inver Hills Community College Associate Degree Nursing Program (Inver Grove Heights)	January 2011	130/year
Century Community College Associate Degree Nursing Program (White Bear Lake)	January 2011	130/year
Pine Technical College Associate Degree Nursing Mobility Program (Pine City)	August 2011	20/year

* Additional graduates to the pool

** Previously a satellite site of another approved program

*** Program no longer admitting students



Appendix C

Number of Faculty in Minnesota Nursing Programs

Program Name	Number of Faculty
Associate Degree Professional Nursing Programs	361
Alexandria Technical and Community College Associate Degree Mobility Nursing Program	2
Anoka-Ramsey Community College Associate Degree Nursing Program	27
Central Lakes College Associate Degree Nursing Program	7
Century Community College Associate Degree Nursing Program	16
Fond du Lac Tribal and Community College Mobility Associate Degree Nursing Program	4
Hibbing Community College Program in Nursing	13
Inver Hills Community College Associate Degree Nursing Program	20
Lake Superior College Associate Degree Nursing Program	22
Minneapolis Community and Technical College Associate Degree Nursing Program	17
Minnesota State College - Southeast Technical Associate in Science - Nursing Mobility Program	22
Minnesota State Community and Technical College Associate Degree Nursing Program	26
Minnesota West Community and Technical College Associate Degree Nursing, Worthington	9
Normandale Community College Nursing Program	16
North Hennepin Community College Nursing Program	29
Northland Community and Technical College Associate in Science Degree - Nursing Program	8
Northwest Technical College-Bemidji Associate Degree Mobility Nursing Program	7
Pine Technical College Associate Degree Nursing Mobility Program	5
Rasmussen College Professional Nursing Program, Mankato Campus	12
Ridgewater College Associate Degree Nursing Program	17
Riverland Community College Associate Degree Nursing Program	8
Rochester Community and Technical College Associate Degree Nursing Program	26
South Central College Associate Degree Nursing Program	13
St. Catherine University Associate Degree Nursing Program	31
St. Cloud Technical and Community College Associate Degree in Nursing Mobility Program	4
Baccalaureate Nursing Programs	411
Bemidji State University Baccalaureate Nursing Program Department of Nursing	15
Bethel University, Nursing Department	48
College of St. Benedict/St. John's University, Department of Nursing	19
College of St. Scholastica Department of Nursing	36
Concordia College	10
Crown College Department of Nursing	6
Globe University/Minnesota School of Business Bachelor of Science in Nursing Program	14
Gustavus Adolphus and St. Olaf Colleges - MN Intercollegiate Nursing Consortium	11
Herzing University Baccalaureate Nursing Program	5
Metropolitan State University College of Nursing and Health Sciences	45
Minnesota State University, Mankato School of Nursing	55
Minnesota State University Moorhead Baccalaureate Nursing Program	7
National American University School of Nursing	6
Presentation College Baccalaureate Nursing Program, Fairmont Campus	6
St. Catherine University Department of Nursing	39
St. Cloud State University Department of Nursing Science	32
University of Minnesota School of Nursing	20
Winona State University College of Nursing and Health Sciences	37

Program Name	Number of Faculty
<i>Entry Level Master of Nursing Programs</i>	59
Metropolitan State University Entry Level Master of Science in Nursing Program	45
University of Minnesota School of Nursing Master of Nursing Program	14
<i>Practical Nursing Programs</i>	364
Alexandria Technical and Community College Program of Practical Nursing	6
Anoka Technical College Practical Nursing Program	12
Central Lakes College Practical Nursing Program	12
Dakota County Technical College Practical Nursing Program	9
Fond du Lac Tribal and Community College Practical Nursing Program	7
Hennepin Technical College Practical Nursing Program	16
Itasca Community College Practical Nursing Program	12
Lake Superior College Practical Nursing Program	22
Mesabi Range Community and Technical College Practical Nursing Program	6
Minneapolis Community and Technical College Practical Nursing Program	18
Minnesota State College-Southeast Technical Practical Nursing Program	21
Minnesota State Community and Technical College Practical Nursing Program	34
Minnesota West Community and Technical College Pipestone Practical Nursing Program	6
Minnesota West Community and Technical College Worthington Practical Nursing Program	11
Northland Community and Technical College East Grand Forks Practical Nursing Program	12
Northland Community and Technical College Practical Nursing Program	7
Northwest Technical College-Bemidji Practical Nursing Program	9
Pine Technical College Practical Nursing Program	8
Rainy River Community College Practical Nursing Program	4
Rasmussen College Practical Nursing Program, Mankato Campus	62
Ridgewater College Practical Nursing Program	18
Riverland Community College Practical Nursing Program	8
Rochester Community and Technical College Practical Nursing Program	7
South Central College Practical Nursing Program	12
St. Cloud Technical and Community College Practical Nursing Program	13
St. Paul College Practical Nursing Program	12
Total	1,195



Appendix D1

Number of Minnesota Program Graduates Preparing for Practical Nurse Licensure for Fiscal Years 2005-2011

Practical Nursing Program	2005	2006	2007	2008	2009	2010	2011
Alexandria Technical and Community College	55	49	46	40	47	52	54
Anoka Technical College	96	88	72	48	59	62	57
Central Lakes College	82	79	96	89	106	102	113
Dakota County Technical College	66	81	57	62	71	54	48
Fond du Lac Tribal & Community College*				19	30	42	26
Fond du Lac Tribal & Community College/ Lake Superior College**	22	23					
Hennepin Technical College	97	138	102	105	89	90	142
Itasca Community College	31	24	22	34	41	49	52
Lake Superior College	78	72	108	115	81	37	34
Mesabi Range Community & Technical College	50	42	39	36	40	33	43
Minneapolis Community & Technical College	111	89	86	86	82	82	53
MN State College-SE Technical, Red Wing ****	35	53	50	41	35		
MN State College-SE Technical, Winona ****	85	71	72	80	94		
MN State College-SE Technical ****						160	160
MN State Community & Technical College, Fergus Falls***	23						
MN State Community & Technical College, Moorhead***	69						
MN State Community & Technical College, Wadena***	111						
MN State Community & Technical College***		123	184	128	118	152	137
MN West Community & Technical College, Pipestone	52	20	16	14	15	14	23
MN West Community & Technical College, Worthington	69	79	51	54	55	48	58
Northland Community & Technical College, East Grand Forks	82	99	107	94	108	126	111
Northland Community and Tech College, Thief River Falls	74	59	42	50	74	56	77
Northwest Technical College, Bemidji*	60	86	93	80	81	62	62
Pine Technical College	63	57	62	63	68	59	82
Rainy River Community College	28	17	16	20	41	42	14
Rasmussen College*		10	14	19	36	120	240
Ridgewater College	100	92	91	81	86	92	81
Riverland Community College	31	31	51	95	55	49	57
Rochester Community & Technical College	32	30	25	34	32	24	30
South Central College	86	88	61	73	63	78	68
St Cloud Technical & Community College	73	109	116	114	113	125	117
St Paul College	79	59	68	68	71	72	57
Total	1,840	1,768	1,747	1,742	1,791	1,882	1,996

* New program

** Closed Program

*** Merged to become Minnesota State Community & Technical College as of November 1, 2005.

**** Merged to become Minnesota State College – Southeast Technical as of December 31, 2009.



Appendix D2

Number of Minnesota Associate Degree Program Graduates Preparing for Registered Nurse Licensure for Fiscal Years 2005-2011

Associate Degree Nursing Program	2005	2006	2007	2008	2009	2010	2011
Alexandria Technical and Community College*			19	24	20	26	24
Anoka-Ramsey Community College	162	164	174	169	178	107	191
Central Lakes College	38	40	39	46	86	78	83
Century Community College***							102
Fond du Lac Tribal & Community College					26	38	25
Fond du Lac Tribal & Community College/ Lake Superior College**	29	19	19				
Hibbing Community College	95	78	67	79	76	72	83
Inver Hills-Century Colleges***	169	212	224	241	225	265	
Inver Hills Community College***							120
Lake Superior College	107	74	86	100	114	92	126
Minneapolis Community & Technical College	115	136	127	137	142	117	87
MN State College-Southeast Technical	67	59	83	80	108	120	45
MN State Community & Technical College	98	113	135	114	155	124	116
MN West Community & Technical College	75	78	82	76	61	76	76
Normandale Community College	79	80	89	74	95	84	85
North Hennepin Community College	120	129	107	116	117	119	135
Northland Community & Technical College	126	96	120	104	88	103	78
Northwest Technical College – Bemidji*				45	47	61	45
Pine Technical College*							
Rasmussen College*							31
Ridgewater College	65	0	104	105	95	95	102
Riverland Community College	63	66	66	78	63	59	66
Rochester Community & Technical College	107	105	104	127	128	112	103
South Central College	50	56	48	87	75	82	68
St Catherine University, Minneapolis	155	124	131	124	109	138	122
St Cloud Technical & Community College *							38
Total	1,720	1,629	1,824	1,926	2,008	1,968	1,951
Grand Total (All Minnesota program graduates preparing for registered nurse licensure.)	2,434	2,396	2,700	2,874	2,990	2,982	3,023

* New program

** Closed Program

*** Merged ...



Appendix D3

Number of Minnesota Baccalaureate and Higher Degree Program Graduates Preparing for Registered Nurse Licensure for Fiscal Years 2005-2011

Baccalaureate & Higher Degree Nursing Program	2005	2006	2007	2008	2009	2010	2011
Bemidji State University*							27
Bethel University	42	51	62	60	59	70	81
College of St. Benedict/St. John's University	42	46	53	45	45	45	45
College of St. Scholastica	95	109	134	113	125	140	141
Concordia College**	27	28	44	34	36	38	40
Crown College*				13	17	12	17
Globe College/Minnesota School of Business*					15	27	37
Gustavus Adolphus and St. Olaf Colleges	41	39	48	44	47	49	50
Herzing University*							
Metropolitan State University, Baccalaureate*			23	27	25	0	25
Metropolitan State University, Master*							24
Minnesota State University, Mankato	106	111	104	32	31	110	99
Minnesota State University, Moorhead*				104	112	27	19
National American University*							
Presentation College*		1	6	16	19	17	15
St Catherine University, St Paul	74	108	112	103	107	107	114
St Cloud State University*	32	37	39	44	34	63	41
University of Minnesota, Baccalaureate	136	133	134	121	135	116	108
University of Minnesota, Master*				39	39	47	47
Winona State University	119	104	117	153	136	146	142
Total	714	767	876	948	982	994	1,072
Grand Total (All Minnesota program graduates preparing for registered nurse licensure.)	2,434	2,396	2,700	2,874	2,990	2,982	3,023

* New program



Appendix E

Number of Advanced Standing Credits Granted to Licensed Practical Nurses by Professional Associate Degree Nursing Programs in FY 2011

Associate Degree Nursing Program	# of LPN admitted	# of LPN admitted who applied for advanced standing	# of LPN admitted with advanced standing	Maximum # of advanced standing nursing credits	Total # of nursing credits required for graduation	nursing credit granted per admitted LPN		# of PN program completion graduates admitted who are not LPN
						# of LPN	# of nursing credit granted	
Alexandria Technical & Community College	27	27	27	10	32	27	10	0
Anoka-Ramsey Community College	48	48	48	12	34	48	12	0
Central Lakes College	91	91	91	10	33	91	10	0
Century Community College	21	21	21	11	30	21	11	0
Fond du Lac Tribal & Community College	25	25	25	15	36	25	15	0
Hibbing Community College	50	50	50	11	32	50	11	0
Inver Hills Community College	19	19	19	11	34	19	11	0
Lake Superior College	100	100	100	12	22	100	12	0
Minneapolis Community & Technical College	16	16	16	22	43	16	22	53
Minnesota State College - SE Technical	45	45	45	13	21	45	13	20
Minnesota State Community & Technical College	79	79	79	11	34	79	11	0
Minnesota West Community & Technical College	96	96	96	9	20	96	9	0
Normandale Community College	20	20	20	12	32	20	12	0
North Hennepin Community College	17	17	17	12	20	17	12	0
Northland Community & Technical College	108	108	108	13	34	108	13	0
Northwest Technical College-Bemidji	34	34	34	10	24	34	10	32
Pine Technical College	20	20	20	6	24	20	6	0
Rasmussen College	18	18	18	23	63	18	23	0
Ridgewater College	102	102	102	13	21	102	13	0
Riverland Community College	47	47	47	23	42	47	23	19
Rochester Community & Technical College	19	19	19	12	34	19	12	0
South Central College	10	10	10	12	33	10	12	0
St Catherine University	20	20	20	12	32	20	12	0
St Cloud Technical & Community College	80	80	80	11	29	80	11	0
Total	1,112	1,112	1,112			1,112		124

* New program



Appendix F

Self-Report of Ethnicity for First-time Candidates from Minnesota Approved Nursing Programs for 2006-2011

	2006		2007		2008		2009		2010		2011	
Ethnicity	PN	RN	PN	RN	PN	RN	PN	RN	PN	RN	PN	RN
No Answer	10.6% 177	9.9% 237	10.4% 177	12.0% 327	11.3% 182	13.1% 384	12.6% 203	14.1% 418	9.4% 153	15.2% 445	10.4% 189	14.2% 446
African American	5.5% 93	3.6% 86	6.5% 110	3.9% 105	7.8% 125	3.5% 102	8.3% 134	5.2% 154	6.6% 107	4.1% 120	7.1% 129	4.1% 127
Native American	0.8% 14	0.4% 9	1.3% 22	0.7% 18	1.2% 19	0.4% 13	1.2% 19	0.6% 18	0.5% 8	0.5% 15	1.0% 19	0.3% 8
Asian Indian	0.4% 6	0.2% 4	0.3% 5	0.3% 9	0.2% 4	0.2% 6	0.2% 3	0.1% 4	0.1% 1	0.1% 1	0.1% 1	0.3% 8
Asian Other	1.4% 23	1.8% 42	1.4% 24	1.8% 50	1.1% 18	1.6% 48	1.4% 22	2.5% 75	1.3% 21	2.5% 72	1.7% 30	2.0% 63
Hispanic	1.1% 18	1.2% 29	1.7% 28	1.2% 32	1.1% 18	0.8% 24	1.2% 19	0.7% 22	1.1% 18	1.4% 40	1.2% 21	1.3% 41
Pacific Islander	0.2% 3	0.2% 5	0.1% 2	0.2% 6	0.1% 2	0.1% 4	0.1% 1	0.3% 8	0.1% 1	0.2% 5	0.2% 4	0.03% 1
White	76.7% 1286	78.9% 1887	75.3% 1271	77.7% 2119	75.1% 1209	77.7% 2277	78.1% 1257	74.1% 2192	78.4% 1277	73.7% 2157	75.7% 1374	75.6% 2368
Other	3.4% 57	3.9% 93	2.9% 49	2.2% 60	2.0% 33	2.5% 74	2.9% 46	2.2% 66	2.6% 43	2.4% 71	2.6% 48	2.3% 71
Total Diversity	12.8% 214	9.9% 237	14.2% 240	12.0% 327	13.6% 219	9.2% 271	15.2% 244	11.7% 347	12.2% 199	11.1% 324	13.9% 252	10.2% 319
Total Candidates	1,677	2,392	1,687	2,726	1,610	2,932	1,610	2,957	1,629	2,928	1,815	3,133

Source: National Council of State Boards of Nursing (NCSBN)



Appendix G1

Number and First-time Success Rate of NCLEX-PN® Candidates Educated in Minnesota Practical Nursing Programs 2008 – 2011

Minnesota Practical Nursing Programs	2008		2009		2010		2011	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alexandria Technical & Community College	46	97.83	43	83.72	52	90.38	62	91.94
Anoka Technical College	49	89.80	58	93.10	61	95.08	58	98.28
Central Lakes College	91	85.71	107	88.79	102	94.12	107	90.65
Dakota County Technical College	63	88.89	71	83.10	53	96.23	43	100
Fond du Lac Tribal & Community College	21	85.71	28	92.86	37	89.19	26	73.08
Hennepin Technical College	77	94.81	106	85.85	94	92.55	126	92.06
Itasca Community College	31	80.65	42	88.10	44	90.91	51	60.78
Lake Superior College	113	95.58	82	96.34	36	94.44	31	87.10
Mesabi Range Community & Technical College	33	84.85	38	89.47	33	87.88	43	74.42
Minneapolis Community & Technical College	52	96.15	57	87.72	49	89.80	44	95.45
Minnesota State College-Southeast Technical, Red Wing**/*	37	72.97	35	91.43	3	100	2	100
Minnesota State College-Southeast Technical, Winona**	91	84.62	82	91.46	67	98.48	66	92.42
Minnesota State Community & Technical College	132	88.63	115	87.83	132	92.42	126	92.86
MN West Community & Technical College, Pipestone	15	100	15	100	14	100	24	95.83
MN West Community & Technical College, Worthington	54	94.44	57	92.98	48	95.83	61	96.72
Northland Community & Technical College, East Grand Forks	99	85.86	88	88.64	122	85.25	104	72.12
Northland Community & Technical College, Thief River Falls	41	73.17	79	78.48	25	68.00	76	69.74
Northwest Technical College, Bemidji	80	83.75	70	94.29	62	83.87	60	85.00
Pine Technical College	60	96.67	65	87.69	60	90.00	77	80.52
Rainy River Community College	21	80.95	38	68.42	32	65.63	15	73.33
Rasmussen College, Mankato Campus	19	84.21	46	84.78	142	95.07	261	92.72
Ridgewater College	83	97.59	94	95.74	91	95.60	72	94.44
Riverland Community College	29	89.66	35	91.43	41	95.12	35	91.43
Rochester Community & Technical College	31	100	34	100	25	100	28	85.71
South Central College	65	96.92	51	100	46	95.65	51	90.20
St. Cloud Technical & Community College	112	88.39	99	85.86	98	91.84	114	92.98
St. Paul College	67	77.61	70	75.71	62	91.94	52	75.00
All MN PN Program Candidates	1,612	89.14	1,705	88.56	1,631	91.66	1,815	87.71
All US Jurisdiction PN Candidates	61,772	85.62	63,532	85.73	66,818	87.06	65,329	84.84

* Closed Program

** MSC – SE Technical Practical Nursing Program, Red Wing merged with MSC – SE Technical Practical Nursing Program, Winona as of 12/31/2009. 2010 statistics shown for Red Wing candidates are those who graduated prior to program merger. 2010 statistics shown for Winona candidates are those who graduated after program merger, regardless of campus attended.



Appendix G2

Number and First-time Success Rate of NCLEX-RN® Candidates Educated in Minnesota Associate Degree Nursing Programs 2008 – 2011

Minnesota Associate Degree Nursing Programs	2008		2009		2010		2011	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alexandria Technical & Community College	24	87.50	21	90.48	24	70.83	24	100
Anoka-Ramsey Community College	149	83.89	154	91.56	105	96.19	187	90.91
Central Lakes College	46	95.65	86	83.72	79	79.75	83	89.16
Century Community College***							61	83.61
Fond du Lac Tribal & Community College*			27	62.96	28	75.00	25	80.00
Hibbing Community College	80	81.25	75	97.33	72	87.50	84	86.90
Inver Hills-Century Colleges***	258	85.27	224	83.04	271	83.03	74	83.78
Inver Hills Community College***							68	94.12
Lake Superior College	101	78.22	113	79.65	93	82.80	126	80.16
Minneapolis Community & Technical College	136	77.94	153	80.39	112	92.86	86	86.05
MN State College-Southeast Technical	78	75.64	106	68.87	102	68.63	92	78.26
MN State Community & Technical College	165	75.15	139	77.70	106	74.53	156	74.36
MN West Community & Technical College	73	79.45	61	93.44	74	81.08	76	84.21
Normandale Community College	75	96.00	95	96.84	81	93.83	82	91.46
North Hennepin Community College	116	97.41	118	93.22	118	92.37	130	92.31
Northland Community & Technical College	106	78.30	80	78.75	99	76.77	80	85.00
Northwest Technical College – Bemidji	45	80.00	55	94.55	54	77.78	44	88.64
Pine Technical College*								
Rasmussen College*					8	100	28	75.00
Ridgewater College	106	68.87	86	86.05	93	81.72	102	83.33
Riverland Community College	78	88.46	61	77.05	56	94.64	67	82.09
Rochester Community & Technical College	115	91.30	131	89.31	111	93.69	116	90.52
South Central College	108	75.00	85	88.24	81	81.48	65	83.08
St. Catherine University, Minneapolis	122	81.15	110	71.82	131	77.86	134	71.64
St. Cloud Technical & Community College*							37	78.38
Closed Program**							3	66.67
MN Program Associate Degree Candidates	1,981	82.38	1,980	84.24	1,898	83.88	2,030	84.43
All US Jurisdiction Associate Degree Candidates	75,543	86.19	78,676	87.61	81,622	86.46	82,764	86.98
All MN RN Program Candidates	2,932	83.70	2,955	84.84	2,928	85.48	3,133	85.57
All US Jurisdiction RN Candidates**	129,114	86.73	134,728	88.42	140,883	87.42	144,565	87.90

* New Program

** Closed Program

*** Inver Hills-Century Colleges separated into two programs, Inver Hills Community College and Century Community College

****Includes diploma, associate degree, baccalaureate & higher degree candidates



Appendix G3

Number and First-time Success Rate of NCLEX-RN® Candidates Educated in Minnesota Baccalaureate and Higher Degree Nursing Programs 2008 – 2011

Minnesota Baccalaureate and Higher Degree Nursing Programs	2008		2009		2010		2011	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Bemidji State University*							27	88.89
Bethel University	60	90.00	60	91.67	71	92.96	81	87.65
College of St. Benedict/St. John's University	44	90.91	47	95.74	45	95.56	45	91.11
College of St. Scholastica	113	82.30	138	80.43	141	85.11	142	82.39
Concordia College	34	94.12	36	94.44	37	97.30	40	92.50
Crown College	13	53.85	18	77.78	12	100	18	94.44
Globe University/MN School of Business*			15	100	27	85.19	37	91.89
Gustavus Adolphus & St Olaf Colleges	45	88.89	47	76.60	47	93.62	50	88.00
Herzing University*								
Metropolitan State University, Baccalaureate	27	96.30	26	96.15			28	78.57
Metropolitan State University, Master*					24	95.83	27	96.30
Minnesota State University, Mankato	106	85.85	105	89.52	109	85.32	99	89.90
Minnesota State University, Moorhead	30	83.33	32	65.63	26	84.62	30	63.33
National American University*							10	80.00
Presentation College	18	83.33	14	78.57	18	88.89	21	85.71
St. Catherine University, St. Paul	105	70.48	105	76.19	105	78.10	108	87.04
St. Cloud State University	44	100	34	94.12	63	93.65	40	92.50
University of Minnesota, Baccalaureate	117	92.31	121	87.60	115	86.09	111	90.99
University of Minnesota, Master	42	88.10	41	92.68	45	93.33	46	91.30
Winona State University	153	88.89	136	89.71	145	90.34	143	88.11
MN Program Baccalaureate and Higher Degree Candidates	951	86.44	975	86.05	1,030	88.45	1,103	87.67
All US Jurisdiction Baccalaureate and Higher Degree Candidates	49,741	87.55	52,254	89.49	55,414	88.69	58,246	89.11
All MN RN Program Candidates	2,932	83.70	2,955	84.84	2,928	85.48	3,133	85.57
All US Jurisdiction RN Candidates**	129,114	86.73	134,728	88.42	140,883	87.42	144,565	87.90

* New Program

** Includes diploma, associate degree, baccalaureate & higher degree candidates